



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ryan Joy, et al.

Title: ENVIRONMENTAL MONITORING DEVICE

Application No.: 10/824,650

Filed: April 14, 2004

Examiner: UNASSIGNED

Group Art Unit: 2632

Atty. Docket No.: 1017-0035-US

COMMISSIONER FOR PATENTS  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
☐ Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described below; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents on 8-17-04.

Elise K. Dougherty  
Typed or Printed Name

E. K. Dougherty  
Signature

STATEMENT UNDER 37 C.F.R. § 1.704(d)

If the above-identified application is an original application filed on or after May 29, 2000:

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.

FEES DUE

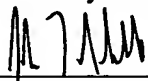
This Information Disclosure Statement is being filed:

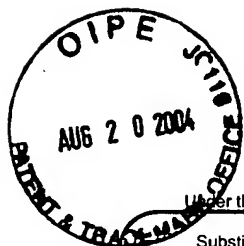
- ☐ within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.
- ☒ before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.
- ☐ during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ during the period specified in § 1.97(c). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal.
- ☐ during the period specified in § 1.97(d). Accordingly, the fee set forth in § 1.17(p) is required and provided as shown on the attached Fee Transmittal. Additionally, each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.

Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account 50-2469.

8.16.04  
Date

Respectfully submitted,

  
\_\_\_\_\_  
John R. Schell, Reg. No. 50,776  
Agent for Applicant(s)  
TOLER, LARSON & ABEL, L.L.P.  
5000 Plaza On The Lake, Suite 265  
Austin, Texas 78746  
(512) 327-5515 (phone)  
(512) 327-5452 (fax)



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/824,650     |
| Filing Date            | April 14, 2004 |
| First Named Inventor   | Ryan Joy       |
| Art Unit               | 2632           |
| Examiner Name          | UNASSIGNED     |
| Attorney Docket Number | 1017-0035-US   |

Sheet 1 of 6

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US- 4,747,041                            | 05/24/1988                     | Engel, et al.                                      |   |
|                    | AB                    | US- 4,823,290                            | 04/18/1989                     | Fasack, et al.                                     |   |
|                    | AC                    | US- 5,086,385                            | 02/04/1992                     | Launey, et al.                                     |   |
|                    | AD                    | US- 5,097,328                            | 03/17/1992                     | Boyette  |   |
|                    | AE                    | US- 5,109,278                            | 04/28/1992                     | Erickson, et al.                                   |   |
|                    | AF                    | US- 5,220,522                            | 06/15/1993                     | Wilson, et al.                                     |   |
|                    | AG                    | US- 5,229,850                            | 07/20/1993                     | Toyoshima  |   |
|                    | AH                    | US- 5,289,275                            | 02/22/1994                     | Ishii, et al.                                      |   |
|                    | AI                    | US- 5,553,609                            | 09/10/1996                     | Chen, et al.                                       |   |
|                    | AJ                    | US- 5,566,339                            | 10/15/1996                     | Perholtz, et al.                                   |   |
|                    | AK                    | US- 5,581,478                            | 12/03/1996                     | Cruse, et al.                                      |   |
|                    | AL                    | US- 5,621,662                            | 04/15/1997                     | Humphries, et al.                                  |   |
|                    | AM                    | US- 5,732,074                            | 03/24/1998                     | Spaur, et al.                                      |   |
|                    | AN                    | US- 5,742,762                            | 04/21/1998                     | Scholl, et al.                                     |   |
|                    | AO                    | US- 5,798,798                            | 08/25/1998                     | Rector, et al.                                     |   |
|                    | AP                    | US- 5,829,130                            | 11/03/1998                     | Miller   |   |
|                    | AQ                    | US- 5,926,210                            | 07/20/1999                     | Hackett, et al.                                    |   |
|                    | AR                    | US- 5,955,946                            | 09/21/1999                     | Beheshti, et al.                                   |   |
|                    | AS                    | US- 5,991,885                            | 11/23/1999                     | Chang, et al.                                      |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | AT                    | JP 2000-209204 A2   | 07/28/2000                     |  |   |                |
|                    | AU                    | WO 99/15950   | 04/01/1999                     |  |   |                |
|                    | AV                    | EP 0 927 933 A2   | 07/07/1999                     |  |   |                |
|                    | AW                    | EP 0 591 585 B1   | 04/13/1994                     |  |   |                |
|                    | AX                    | EP 1 178 628 A2   | 02/06/2002                     |  |   |                |
|                    | AY                    | EP 1 049 291 A2   | 11/02/2000                     |  |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/824,650     |
| Filing Date            | April 14, 2004 |
| First Named Inventor   | Ryan Joy       |
| Art Unit               | 2632           |
| Examiner Name          | UNASSIGNED     |
| Attorney Docket Number | 1017-0035-US   |

Sheet 2 of 6**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | BA                    | US- 6,078,253                            | 06/20/2000                     | Fowler   |   |
|                    | BB                    | US- 6,108,782                            | 08/22/2000                     | Fletcher, et al.                                   |   |
|                    | BC                    | US- 6,112,235                            | 08/29/2000                     | Spofford   |   |
|                    | BD                    | US- 6,115,468                            | 09/05/2000                     | De Nicolo  |   |
|                    | BE                    | US- 6,138,249                            | 10/24/2000                     | Nolet  |   |
|                    | BF                    | US- 6,139,177                            | 10/31/2000                     | Venkatraman, et al.                                |   |
|                    | BG                    | US- 6,157,943                            | 12/05/2000                     | Meyer  |   |
|                    | BH                    | US- 6,170,007                            | 01/02/2001                     | Venkatraman, et al.                                |   |
|                    | BI                    | US- 6,182,094                            | 01/30/2001                     | Humpleman, et al.                                  |   |
|                    | BJ                    | US- 6,189,109                            | 02/13/2001                     | Sheikh, et al.                                     |   |
|                    | BK                    | US- 6,259,956                            | 07/10/2001                     | Myers, et al.                                      |   |
|                    | BL                    | US- 6,266,721                            | 07/24/2001                     | Sheikh, et al.                                     |   |
|                    | BM                    | US- 6,281,790                            | 08/28/2001                     | Kimmel, et al.                                     |   |
|                    | BN                    | US- 6,311,214                            | 10/30/2001                     | Rhoads   |   |
|                    | BO                    | US- 6,332,202                            | 12/18/2001                     | Sheikh, et al.                                     |   |
|                    | BP                    | US- 6,360,255                            | 03/19/2002                     | McCormack, et al.                                  |   |
|                    | BQ                    | US- 6,363,421                            | 03/26/2002                     | Barker, et al.                                     |   |
|                    | BR                    | US- 6,363,422                            | 03/26/2002                     | Hunter, et al.                                     |   |
|                    | BS                    | US- 6,374,296                            | 04/16/2002                     | Lim, et al.  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | BT                    | EP 1 150 188 A2   | 10/31/2001                     |  |   |                |
|                    | BU                    | EP 1 096 724 A  | 05/02/2001                     |  |   |                |
|                    | BV                    | EP 1 009 130 A  | 06/14/2000                     |  |   |                |
|                    | BW                    | EP 0 990 986 A  | 04/05/2000                     |  |   |                |
|                    | BX                    | WO 01/69504 A1  | 09/20/2001                     |  |   |                |
|                    | BY                    | JP 11219388A2   | 08/10/1999                     |  |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/824,650     |
| Filing Date            | April 14, 2004 |
| First Named Inventor   | Ryan Joy       |
| Art Unit               | 2632           |
| Examiner Name          | UNASSIGNED     |
| Attorney Docket Number | 1017-0035-US   |

Sheet 3

of 6

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | CA                    | US- 6,375,614                            | 04/23/2002                     | Braun, et al.                                      |   |
|                    | CB                    | US- 6,389,464                            | 05/14/2002                     | Krishnamurthy, et al.                              |   |
|                    | CC                    | US- 6,396,534                            | 05/28/2002                     | Mahler, et al.                                     |   |
|                    | CD                    | US- 6,402,691                            | 06/11/2002                     | Peddicord, et al.                                  |   |
|                    | CE                    | US- 6,477,667                            | 11/05/2002                     | Levi, et al.                                       |   |
|                    | CF                    | US- 6,496,105                            | 12/17/2002                     | Fisher, et al.                                     |   |
|                    | CG                    | US- 6,505,086                            | 01/07/2003                     | Dodd, Jr., et al.                                  |   |
|                    | CH                    | US- 6,510,350                            | 01/21/2003                     | Steem, III, et al.                                 |   |
|                    | CI                    | US- 6,529,230                            | 03/04/2003                     | Chong  |   |
|                    | CJ                    | US- 6,529,936                            | 03/04/2003                     | Mayo, et al.                                       |   |
|                    | CK                    | US- 6,553,336                            | 04/22/2003                     | Johnson, et al.                                    |   |
|                    | CL                    | US- 6,553,418                            | 04/22/2003                     | Collins, et al.                                    |   |
|                    | CM                    | US- 6,591,279                            | 07/08/2003                     | Emens, et al.                                      |   |
|                    | CN                    | US- 6,640,145                            | 10/28/2003                     | Hoffberg, et al.                                   |   |
|                    | CO                    | US- 2002/0152298 A1                      | 10/17/2002                     | Kikta, et al.                                      |   |
|                    | CP                    | US- 2003/0098789 A1                      | 05/29/2003                     | Murakami, et al.                                   |   |
|                    | CQ                    | US- 5,659,470                            | 08/19/1997                     | Goska, et al.                                      |   |
|                    | CR                    | US- 6,167,406                            | 12/26/2000                     | Hoskins, et al.                                    |   |
|                    | CS                    | US- 6,057,834                            | 05/02/2000                     | Pickover   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | CT                    |   |                                |  |   |                |
|                    | CU                    |   |                                |  |   |                |
|                    | CV                    |   |                                |  |   |                |
|                    | CW                    |   |                                |  |   |                |
|                    | CX                    |   |                                |  |   |                |
|                    | CY                    |   |                                |  |   |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/824,650     |
| Filing Date            | April 14, 2004 |
| First Named Inventor   | Ryan Joy       |
| Art Unit               | 2632           |
| Examiner Name          | Ryan Joy       |
| Attorney Docket Number | 1017-0035-US   |

Sheet 4 of 6**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | DA                    | US- 6,001,065                            | 12/14/1999                     | DeVito   |   |
|                    | DB                    | US- 6,052,750                            | 04/18/2000                     | Lea  |   |
|                    | DC                    | US- 6,160,926                            | 12/12/2000                     | Dow, et al.  |   |
|                    | DD                    | US- 6,175,866                            | 01/16/2001                     | Holloway, et al.                                   |   |
|                    | DE                    | US- 6,271,845                            | 08/07/2001                     | Richardson   |   |
|                    | DF                    | US- 4,964,065                            | 10/16/1990                     | Hicks, et al.                                      |   |
|                    | DG                    | US- 5,262,758                            | 11/16/1993                     | Nam, et al.  |   |
|                    | DH                    | US- 5,812,055                            | 09/22/1998                     | Candy, et al.                                      |   |
|                    | DI                    | US- 4,668,939                            | 05/26/1987                     | Kimura, et al.                                     |   |
|                    | DJ                    | US- 6,055,480                            | 04/25/2000                     | Nevo, et al.                                       |   |
|                    | DK                    | US- 5,225,997                            | 07/06/1993                     | Lederer, et al.                                    |   |
|                    | DL                    | US- 5,395,042                            | 03/07/1995                     | Riley, et al.                                      |   |
|                    | DM                    | US- 4,718,025                            | 01/05/1988                     | Minor, et al.                                      |   |
|                    | DN                    | US- 4,816,208                            | 03/28/1989                     | Woods, et al.                                      |   |
|                    | DO                    | US- 6,088,816                            | 07/11/2000                     | Nouri, et al.                                      |   |
|                    | DP                    | US- 5,189,394                            | 02/23/1993                     | Walter, et al.                                     |   |
|                    | DQ                    | US- 6,282,546                            | 08/28/2001                     | Gleichauf, et al.                                  |   |
|                    | DR                    | US- 6,229,429                            | 05/08/2001                     | Horon  |   |
|                    | DS                    | US- 5,061,916                            | 10/29/1991                     | French, et al.                                     |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | DT                    |   |                                |  |   |                |
|                    | DU                    |   |                                |  |   |                |
|                    | DV                    |   |                                |  |   |                |
|                    | DW                    |   |                                |  |   |                |
|                    | DX                    |   |                                |  |   |                |
|                    | DY                    |   |                                |  |   |                |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                |
|------------------------|----------------|
| Application Number     | 10/824,650     |
| Filing Date            | April 14, 2004 |
| First Named Inventor   | Ryan Joy       |
| Art Unit               | 2632           |
| Examiner Name          | UNASSIGNED     |
| Attorney Docket Number | 1017-0035-US   |

Sheet 5 of 6

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | EA                    | US- 6,208,261                            | 03/27/2001                     | Olstead  |   |
|                    | EB                    | US- 6,208,345                            | 03/27/2001                     | Sheard, et al.                                     |   |
|                    | EC                    | US- 5,475,364                            | 12/12/1995                     | Kenet  |   |
|                    | ED                    | US- 3,810,138                            | 05/07/1974                     | Thompson, et al.                                   |   |
|                    | EE                    | US- 6,100,806                            | 08/08/2000                     | Gaukel   |   |
|                    | EF                    | US- 5,892,440                            | 04/06/1999                     | Bryan  |   |
|                    | EG                    | US- 4,521,645                            | 06/04/1985                     | Carroll  |   |
|                    | EH                    | US- 6,148,262                            | 11/14/2000                     | Fry  |   |
|                    | EI                    | US- 5,367,670                            | 11/22/1994                     | Ward, et al.                                       |   |
|                    | EJ                    | US- 6,304,900                            | 10/16/2001                     | Cromer, et al.                                     |   |
|                    | EK                    | US- 6,182,157                            | 01/30/2001                     | Schlenner, et al.                                  |   |
|                    | EL                    | US- 5,949,974                            | 09/07/1999                     | Ewing, et al.                                      |   |
|                    | EM                    | US- 5,822,302                            | 10/13/1998                     | Landry Jr., et al.                                 |   |
|                    | EN                    | US- 6,094,676                            | 07/25/2000                     | Nolet, et al.                                      |   |
|                    | EO                    | US- 5,905,867                            | 05/18/1999                     | Giorgio, et al.                                    |   |
|                    | EP                    | US- 6,219,628                            | 04/17/2001                     | Kodosky, et al.                                    |   |
|                    | EQ                    | US- 6,714,977                            | 03/30/2004                     | Fowler, et al.                                     |   |
|                    | ER                    | US-                                      |                                |  |   |
|                    | ES                    | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|--|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |  |                |
|                    | ET                    |   |                                |  |  |                |
|                    | EU                    |   |                                |  |  |                |
|                    | EV                    |   |                                |  |  |                |
|                    | EW                    |   |                                |  |  |                |
|                    | EX                    |   |                                |  |  |                |
|                    | EY                    |   |                                |  |  |                |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |                          |                |                        |              |
|--|---|--------------------------|----------------|------------------------|--------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   | <b>Complete if Known</b> |                |                        |              |
|  |   | Application Number       | 10/824,650     |                        |              |
|  |   | Filing Date              | April 14, 2004 |                        |              |
|  |   | First Named Inventor     | Ryan Joy       |                        |              |
|  |   | Art Unit                 | 2632           |                        |              |
|  |   | Examiner Name            | UNASSIGNED     |                        |              |
| Sheet  | 6 | of                       | 6              | Attorney Docket Number | 1017-0035-US |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | FA                    | Axis Communications, "Axis 2400/2401 Administration Manual Version 1.1", www.axis.com/techsup/cam_2400/index.htm, version 1.1xx, part No. 16741, pp. 1-78, July 1999.   |                |
|                                 | FB                    | Fossum, E.R., "CMOS Image Sensors: Electronic Camera-On-Chip", IEEE Transactions on Electron Devices, vol. 44, iss. 10, pp. 1689-1698, Oct. 1997.   |                |
|                                 | FC                    | Axis Communications, "Axis 200+ and 240 Camera Server: User's Guide", www.axis.com/techsup/cam_servers/cam_240/index.htm, pp. 1-38, Jan. 1999.  |                |
|                                 | FD                    | Axis Communications, "Network Camera Developments Enable Live Web Imaging", Axis 2100 white paper, www.axis.com/products/videos/camera/documentation.htm, pp. 1-12, Nov. 1999.  |                |
|                                 | FE                    | SINETICA CORP: "Newsletter, Issue One 99", Sinetica, UK, www.sinetica.co.uk, 02-1999, XP002160504, 4 pp.  |                |
|                                 | FF                    | SINETICA CORP: "Netcom TH. Advanced SNMP Agent with Web Broser Support", Sinetica, UK, www.sinetica.co.uk, 04-2000, XP002160505, 2 pp.  |                |
|                                 | FG                    |   |                |
|                                 | FH                    |   |                |
|                                 | FI                    |   |                |
|                                 | FJ                    |   |                |

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.